

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO : 7,224,387  
APPLICATION NO. : 10/043,957  
ISSUE DATE : May 29, 2007  
INVENTOR(S) : David W. Boyd

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 6, line 63, delete "a" and insert - -  $\alpha$  - -, therefor.

In column 7, line 38, delete "M<sub>y</sub>" before "M<sub>y</sub>" and insert - - M<sub>x</sub> - -, therefor.

In column 8, line 59, in Claim 7, delete "tbe" and insert - - the - -, therefor.

In column 9, line 6, in Claim 11, delete "Locations" and insert - - locations - -, therefor.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400

This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: U.S. Patent No. 7,224,387

USPTO CONFIRMATION CODE: 6391

APPLICATION NO.: 10/043,957

FILED: Jan. 09, 2002

EXAMINER: Tuan Ho

GROUP ART UNIT: 2622

FOR: METHOD AND APPARATUS FOR CORRECTING CAMERA TILT  
DISTORTION IN PANORAMIC IMAGES

ATTORNEY DOCKET NUMBER: 10017016-1

37 CFR 1.322 & 37 CFR 1.323 REQUEST FOR CERTIFICATE OF CORRECTION

HONORABLE COMMISSIONER OF PATENTS & TRADEMARKS

Sir:

The following is a request for a certificate of correction in Serial Number 10/043,957, now Patent Number 7,224,387.

A certificate of correction under 35 USC 254 is respectfully requested in the above-identified patent.

☒ All errors were the fault of the USPTO, no fee required. In the event that a further fee is required, please charge the amount to Deposit Account No. 082025.

☐ All errors were the fault of the applicant and, accordingly, please charge **\$100.00** to our Deposit Account No. 082025. In the event that a further fee is required, please charge the amount to the same Deposit Account.

☐ The errors were the fault of both the applicant and USPTO and, accordingly, please charge **\$100.00** to our Deposit Account No. 082025. In the event that a further fee is required, please charge the amount to the same Deposit Account.

The exact locations where the errors appear in the patent and patent application are as follows:

In column 6, line 63, delete "a" and insert - -  $\alpha$  - -, therefor.  
(Specification filed on Jan. 09, 2002, page 12 of 23, line 5)

In column 7, line 38, delete " $M_y$ " before " $M_y$ " and insert - -  $M_x$  - -, therefor.  
(Specification filed on Jan. 09, 2002, page 13 of 23, line 11)


In column 8, line 59, in Claim 7, delete "tbe" and insert - - the - -, therefor.  
(Amendment to claims filed on Dec. 08, 2006, page 3 of 10, in Claim 7, line 1)

In column 9, line 6, in Claim 11, delete "Locations" and insert - - locations - -, therefor.  
(Amendment to claims filed on Dec. 08, 2006, page 3 of 10, in Claim 11, line 3)

The requested corrections are attached on Form PTO 1050.

Respectfully Submitted

4/13/2009  
DATE

  
Name: Jeff D. Limón  
Registration No.: 45,418

Attorney/Agent of Record